

08 September 1999

CLAIMS

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1. A method for firefighting in which a directed jet of extinguisher foam is applied so as to cover the source of the fire, characterized in that as a supplement to the jet of extinguisher foam, a mist of firefighting liquid is discharged which cools down the space surrounding the source of the fire.
2. The method according to claim 1, characterized in that the application of the firefighting mist optionally depends on the position of a control device (V).
3. The method according to claim 1 or 2, characterized in that the mist of firefighting liquid is applied in the form of several individual jets whose respective origin is in direct proximity to the origin of the jet of extinguisher foam.
4. The method according to claim 3, characterized in that a part of the individual jets is directed in the direction of the source of the fire, while another part is directed perpendicularly aligned with the axis (X) of the jet of extinguisher foam.
5. The method according to one of claims 4 or 5, characterized in that at least one individual jet is directed in a direction pointing away from the source of the fire.
6. The method according to one of the preceding claims, characterized in that the firefighting liquid from which the mist of firefighting liquid is made, is water.

7. A device for implementing the method according to one of claims 1 to 6 with an extinguisher nozzle head (1) which comprises an extinguisher foam generating device (12) for generating a directed jet of extinguisher foam, characterized in that the extinguisher nozzle head (1) for generating a directional jet of extinguisher foam, comprises additional extinguisher nozzles (6, 9) for generating jets of mist of firefighting liquid.
8. The device according to claim 7, characterized in that at least one of the extinguisher nozzles (6) is aligned such that the jet of mist of firefighting liquid emanating from it is directed in the direction of the source of the fire, while at least one further nozzle (9) of firefighting mist is aligned such that the jet of mist of firefighting liquid emanating from it emanates in a direction aligned perpendicularly in relation to the direction of exit of the jet of extinguisher foam.
9. The device according to one of claims 7 to 8, characterized in that the extinguisher nozzles (6, 9) are arranged, regularly spaced apart, around the extinguisher foam generating device (12).
10. The device according to claim 9, characterized in that the extinguisher nozzles (6, 9) are arranged on a circle whose centre coincides with the central axis (X) of the jet of extinguisher foam emanating from the extinguisher foam generating device (12).
11. The device according to one of claims 8 to 10, characterized in that the extinguisher nozzle head (1) comprises a radially surrounding casing surface

(8), a bevelled surface (5) arranged between the essentially plane front surface (2) and the casing surface (8), said bevelled surface tapering from the casing surface (8) in the direction of the front surface (2); and in that several extinguisher nozzles (9, 6) are arranged on the casing surface (8) and the bevelled surface (5).

12. The device according to one of claims 7 to 11, characterized in that a valve device (V) is provided by means of which firefighting liquid can be applied to the firefighting mist nozzles (6, 9) and the extinguisher foam generating device (12) as selected either individually, together or in various groups.

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